Energy Sistem®

XPRESIONNTM 2000

SINTONIZADOR DIGITAL TDT

Scart TV - Out RCA Connection AV - 256 colours on Screen Display

Energy Sistem®

USER'S MANUAL

We have designed this product thinking about your needs.

Digitalife™!!
www.energysistem.com

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Contents

GENERAL INFORMATION

Digital Television. A world of crystal clear widescreen pictures, digital sound, more information and new services. All this and more on "Free to Air" Digital Television.
To make full use of your new DTR please take the time to familiarize yourself with the extensive features of the unit detailed in this User's Guide.
If you need help in setting up please call your dealer or a customer service adviser.
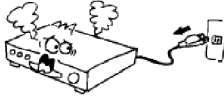
MainFeatures

- High quality Video & Digital Audio
- Fully MPEG-2, DVB compliant
- User friendly and easy-to-use menu system
- Various program editing functions (Favorite, moving, locking, renaming, deleting
- and sorting)
- Automatic search for newly added channels
- Stores up to 4000 programs
- Easy and speedy software upgrade through RS-232 port
- Plug-and-play data transfer system (DTR to DTR)
- Timer function, automatically turns On/Off by setting function (daily, monthly, yearly)
- Electronic Program Guide (EPG)
- Supports Teletext
- Selectable Video output CVBS, RGB
- 256 colors On-Screen-Display
- Automatically saves the last program

For Your Safety

open the cabinet, refer servicing to qualified personnel only.	tubs, sinks, etc., in order to avoid damaging the equipment.
Do not expose the receiver to direct sunlight. Keep it away from the heat source.	Do not block ventilation holes of the Receiver so that air can circulate freely.
Turn the power off at the mains and unplug the unit if an abnormal event occurs.	Do not touch the receiver during an electrical storm as it may create an electrical shock hazard.
Switch the receiver off whenever it remains out of service for an extended period.	disconnect the AC power cord before cleaning the Receiver surface. If the surface is dirty, wipe clean with a cloth which has been dipped in a weak soap-andwater solution and wrung out thoroughly, and then wipe again with a dry cloth.

GENERAL INFORMATION

Unpacking

General Operation

- Throughout this manual you will notice that the everyday operation of the receiver is based on a series of user friendly on screen displays and menus. These menus will help you get the most from your receiver, guiding you through installation, program rganizing, viewing and many other functions.

- All function can be carried out using the buttons on the RCU, and some of the function can also be carried out using the buttons on the front panel.

- If at any time when you are using the menus you want to return to the normal TV mode, press the TV/AV button.
- The receiver is easy to use, always at your command and adaptable for future advances.

- Please be aware that new software may change the functionality of the receiver.

- Should you experience any difficulties with the operation of your receiver, please consult the relevant section of this manual, including the Trouble Shooting, or alternatively call your dealer or a customer service adviser.

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RCU

Teclas	Funciones
⏻	Turns power ON/OFF of the DTR
🔇	When watching a program, mute the sound
0 ~ 9	Enter number of the required menu or select a program number to watch
TV / Radio	Switches between TV and Radio mode
◄ PR	Switches back to previous program
FAV	Display the favorite program list
LIST	Display program list
AUDIO	Multiple language
INFO	Shows information of the current program
MENU	Press this Key one time to run menu ons screnn, and call command box
⬆ ⬇	Moves up / down a page in the program list
Ok, LISTAR	Executes the selected item in the menu screen or enters the desired value in any input mode.
PR+, PR-	When watching a program, change programs or move to the next higher or lower item in the menu
◢ ◣	When watching a program, adjust the volume or move to the left or right item in the menu
SALIR	Retums to the previus menu on the menu scree or escape from the menu
EPG	Calls up the EPG (Electronic Program Guide)
🔊 ^L_R	Selects the different audio modes
TV / AV	Switches between TV and AV modes
▭	Switches to teletext or subtitle mode
UHF	Switches to UHF turning mode
PAUSE	Switches between PAL and NTSC modes
PAL / NTSC	Switches between PAL and NTSC modes

![Energy Sistem logo]

Front Panel

Key	Funtion
⏻	Turns the power of the receiver on and off.
▲ (CH +)	In live mode, changes to the next channel.
▼ (CH -)	In live mode, changes to the previous channel.
► (VOL +)	In live mode, increases the volume.
◄ (VOL -)	In live mode, decreases the volume.

Rear Panel
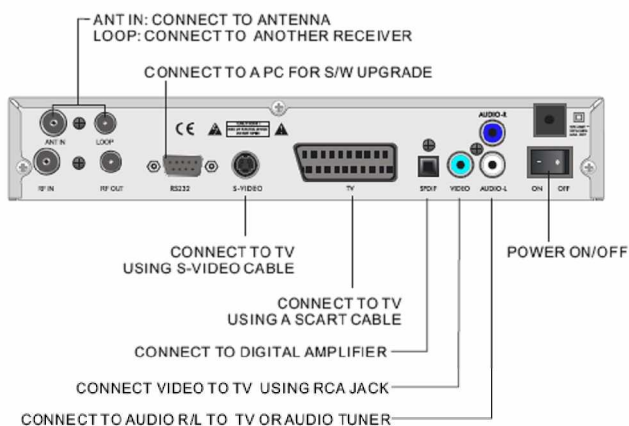
INSTALLATION

Connecting to ANTENNA & TV

Connecting to TV using SCART support
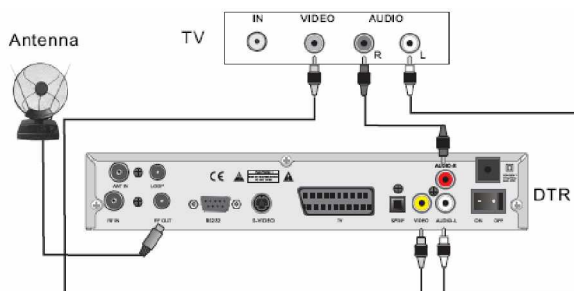
Connecting to TV using RCA support

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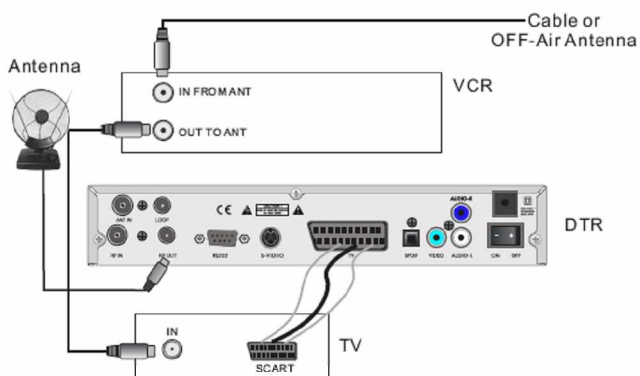
Connecting to TV using RF support
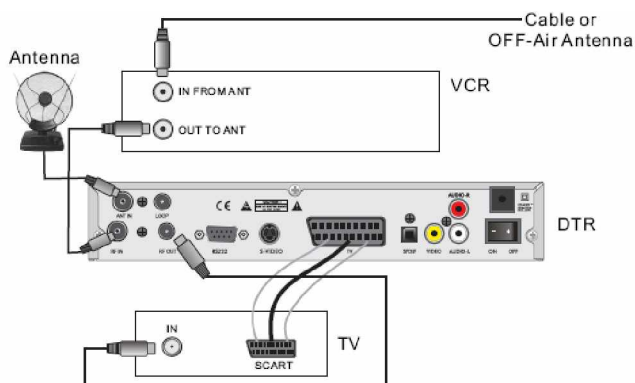
Connecting to Digital Amplifier
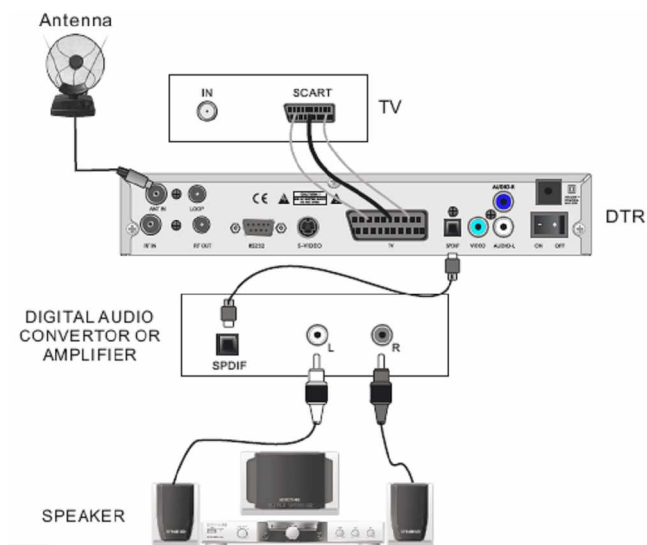
MENU INFORMATION

Once you have properly installed and connected the cables of the receiver the menu will be displayed.

This menu consists of the 5 major main menus as follows:

- Channel Manager
- Program Guide
- Timer
- User Installation
- Receiver Information

During installation, the **OK** key confirms a selection and may show a Down List Box if the column has 34 mark. You can also use the numeric keys on the RCU to enter numeric value.

Use the **PR+** or **PR-** keys to move upwards and downwards from one line to another and use the **VOL+, VOL-** keys to move from main menu to submenus and move from left side to right side or vice sersa.

To escape from the menu system at any time, press the **EXIT** key on the RCU.

MENU INFORMATION

This menu consists of the 4 major submenus listed below:

-Channel Search
-System Setting
-Parental Lock
-Factory Default
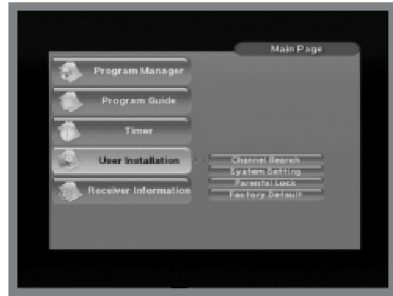
Channel Search

Move cursor to Channel Search item in User Installation menu by using VOL+ or VOL keys on the RCU, and press OK key to enter into the Channel Search menu.

1. **Country Code**: Use VOL+ or VOL- keys to select the desired country directly. Or press OK key to pop up a drop-down box list, and use CH+ or CH- key to highlight desired country, then press OK key to confirm the selection.

2. **Channel**: Refer to the same operation methods as the above.

3. **Frequency**: The original data in this item is determined by the selected options in Country Code and Channel items.

Edit Mode: If you want to edit the data in Frequency item, please press the Edit Mode key (Red color key) on the RCU, and then use the numeric keys on the RCU to enter proper values.

4. **FFT, Code Rate, Constellation, Guard interval**: The values in these items are changed automatically and can not be set by hand.

Note: During the setting, please check the settings according to the right-down dynamic bar, which is showing the single's quality.

USER INSTALLATION

Channel Search

5. Search Channel : Allows you to search for channels using the following options:

    Search All Channel: Search All Channels in the network.

    Search 1 Channel : Search programs in one channel which need to be selected from the channel column.

    Search Network : Search programs for the network.
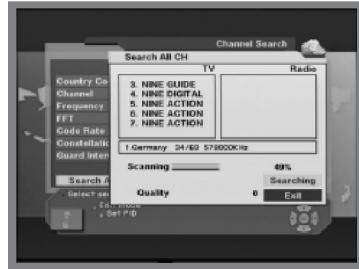
During searching, the searched channels will be divided into TV and Radio list box respectively and automatically.

Searching completely, move cursor to VIEW button and press OK key. A warning message "Please wait for saving the data" will appear for several minutes, and then you can view searched programs in normal mode.

6. Set PID : If you want to set PID (Packet Identifier) manually, select CH in the Channel Search Page And select SET PID (Green key on the RCU) command and press OK, then set PID menu will be displayed. Enter the correct value and select OK.

7. Delete CH : If you want to delete a channel, select the channel you wish to delete, press the MENU key on the RCU to display the command box. Select the Delete CH command, a confirmation message will be displayed.

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System Setting

System Setting menu provides you with options to adjust your settings to suit your setup and personal taste. Press **OK** on the RCU.

1) OSD Language : Select your desired language

2) **Audio Language** : allows you to select an audio language preference when offered by the service provider.

3) **Video Format** : Select your desired video format.

4) **Screen Format** : Select your desired screen format from **4:3** and **16:9** options.

5) **Video output** : If your SCART supports RGB control, select **RGB**. Otherwise select CVBS

6) **TV type** : Select from 4:3 or 16:9.

7) **Start On Channel** : To display a selected channel every time you turn the unit on, press OK and select your default channel from the list displayed.

8) **UHF Standard** : Select UHF type.

9) **UHF Channel** : Select your desired UHF channel for satellite model
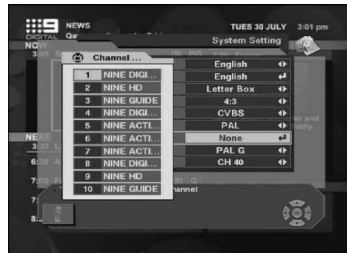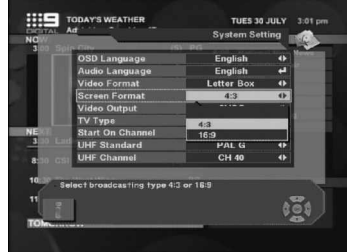
Parental Lock

- This function allows you to block programs based on Parental Guidance ratings. You can protect your installed data and information by selecting the Install Lock function.

How to change Password :
1) Enter the current password.
2) Select **ON** at Parental Lock item by using left or right arrow keys.
3) Enter new password.
4) Confirm your new password by entering new password again.

Note:
1. The default password is **0000**.
2. Do not forget your new password in order not to fail to operate the receiver.
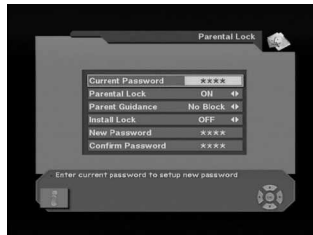
How to use Parental Lock :
1. Set Parent Lock ON and go to the TV Channel Manager page.
2. Press the Lock key (Blue color key) on the RCU.
3. Selet the channel that you want to lock.
4. Press OK key, the symbol is marked.

How to use Parental Rating Level
1) Enter the password and press **OK**.
2) In Parent Cuidance item, system has provided eight levels to prevent children from watching programs beyond their age.

Parental Rating Value
No Block: Not Classified
Block G: General
Block M: Mature Audience (15+)
Block MV: Mature, Strong Violent
Block AV: Adult, Strong Violent
Block R: Restricted 18+
Block All: Lock all channels.
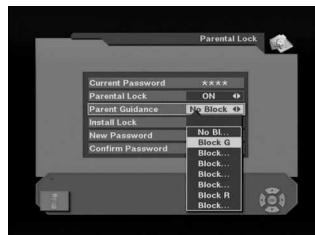
Use left or right arrow keys to select desired level directly. Or press **OK** key to pop up a drop -down box list, then move cursor to select the desired level and press **OK** key to confirm

GENERAL VIEWING FUNCTION

Parental Lock

3) Press **Exit**, the STB will save the data and block all programs at selected level or beyond.

Note:

1. This parental rating function can only take effect when the transmission of the viewing program includes such rating level information.
2. In viewing mode, if current program is locked, equal to or beyond the set rating level, a password is needed before you can view this program

How to use Install Lock :

1) Enter the current password.
2) Select **ON** from the Install Lock sub-menu.
3) Enter new password.
4) Confirm your new password entering new password again.
5) Exit this menu.
6) Select any menu and press **OK** on the RCU.
7) The Enter Password Box will be displayed.
8) Unless the correct password is entered menus cannot be operated.
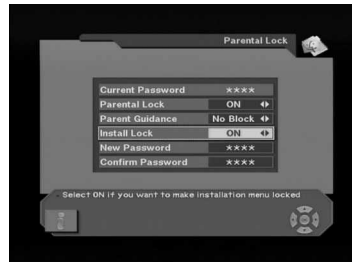
Note :
1. The Install lock password is the same as the Parental Lock password.
2. The default password is **0000**.

Factory Default

If you want to bring the receiver back to the factory default condition, select Factory Default and press **OK** key. A warning message will be displayed, to continue select and press **OK**.
Warning : You will lose all of the data and information which was installed.
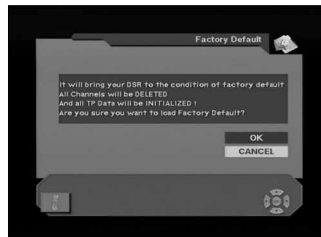
- The following describes the basic functions of your receiver while watching digital TV or listening to digital radio.

- While watching digital TV, the current program information will be shown on the bottom of the screen if you press the **INFO** button on the RCU.

Select Program

- If you want to select a program, use key on the front panel, CH+, CH- key on the RCU, or numeric key on the RCU directly..

- While watching digital TV, press the OK key on the RCU. The program list will be displayed on the right side of the screen. If

- you press the EXIT key, the program list will be gone.

- To select a program, navigate through the program list and place cursor on a desired program Then, press OK key to watch the selected program.

TV & Radio mode

- While viewing TV program, press TV/RADIO key on the RCU to move to radio mode.

- Press this key once again to return to TV mode.

Program **Information**

- Every time you change programs, Program information for the current program will be displayed for a few seconds.

- To see the program information for the current program while viewing, simply press the INFO Key on the RCU.

Pause the frame

Press **PAUSE** key on the RCU to pause the screen. To bring it back to the normal mode, press **PAUSE** key once again.

Previous program recall

If you want to create one of the three Favorites List available, press the **FAV** key on the RCU. You can navigate to the next Favorites List by pressing the **FAV** key again. For more information on organising your Favorite Lists refer to the "**Favorite Program**"

Volume & Audio Control

1) Volume Control To increase or decrease volume, use **VOL+, VOL-** key on the RCU or **VOL+, VOL-** on the front panel.

2) Mute To mute the sound, press button on the RCU. To bring back the normal sound, press this key once again.

3) Audio Control Press the key repeatedly to select one of three possible Audio settings (Left, Right and Stereo) .
The current audio selection will be displayed in the program information.

4) Language Selection Press the **AUDIO** key on the RCU repeatedly to select audio-language. This is dependent on the transmission of audio signal which supports Multi-language options.

PROGRAM MANAGER

This receiver provides a number of practical options to manage digital television programs.

Program Manager

Move the cursor to highlight the **TV Program** sub menu from the Channel manager menu and press Ok.

The program list will be displayed on the left side of the screen and a small Picture in Graphic (PIG) will be displayed on the right. Information about the highlighted channel is displayed underneath the PIG screen. When you navigate the cursor through the channel list the PIG display will change accordingly.
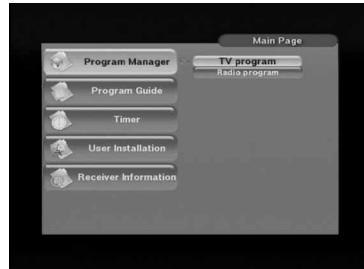
You can utilize the colour keys on the RCU as below :

1. Delete mode(Red key)
2. Favourite mode(Green key)
3. Move mode(Yellow key)
4. Lock mode(Blue key)

In this mode press the MENU key on the remote to evoke the following:

1. Rename Favourite group
2. Rename
3. Sort
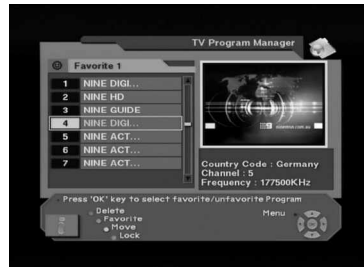
Favourite Channel

When you select program manager, default favourite list will be displayed on the screen as Favourite 1.
Select your favourite channel and then press
OK key. Then will be displayed at rear of your selected channel.
To delete a channel from your
Favourite List highlight the channel and press **OK**.
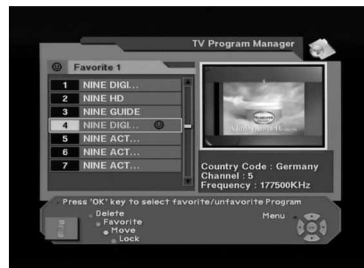
Favourite Channel

After you have completed your Favourites List press the **EXIT** key twice to save the data. Then press the **FAV** key to ensure that your changes have been saved correctly.

How to make favourite group

1)When you enter program manager, the default favourite group will be displayed on the screen as Favourite 1.

2)If you press favourite key (Green colour key) on the RCU, new favourite groups will be created as Favourite 2 and Favourite 3.

How to edit the name of Favourite group :

1)In favourite mode, press MENU key on the RCU then the Favourite sub menu will be displayed on the screen.
2)Select "Rename Favourite group" .
3)Edit the name using the keypad.
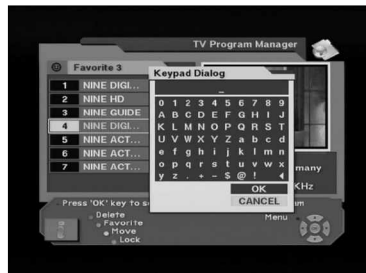
Move Channel

In the TV program manager page, press **Move** key (Yellow colour key) on the RCU. Select a channel by pressing **OK** key and move the cursor to the location in which you want to move the selected channel press **OK** key. Then, you will find the selected program is moved to the desired location and channel number.
Check whether the channel number is changed on the program list.
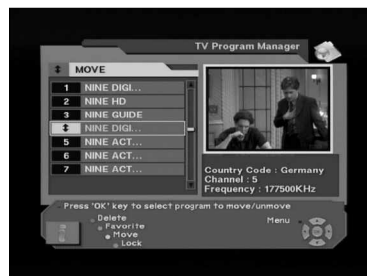
Lock Channel

In the TV program manager page, press **Lock** key (blue colour key) on the RCU. This **Lock** command allows you to lock the channel. First select the program, which you want to lock, press **OK** key and then will be displayed at rear of your selected channel name.

Note : To perform this function, you should set up the Parental Lock in advance.

Rename Channel

In TV program manager Page, press **MENU** key on the RCU, then select **Rename** on the command menu.

This **Rename** command allows you to rename the channel. First select the channel to be renamed and press **OK** key, then, the

Keypad dialog box will be displayed. Edit your desired name entering word or number. To delete characters or numbers, select from the keypad dialog.

Delete Channel

- In the Program manager, you can enter **Delete** mode, if you press **Delete** key (Red colour key) on the RCU. Then, if you press **Delete** key (Red colour key) repeatedly, the mode will change to **Delete CH -> Delete All -> Delete PG**.

- This **Delete** command allows you to delete the channel permanently. First select the channels which you want to delete, the selected channel number will be marked as **X**. To cancel the selection, press **OK** again.

- If you decide to delete, press **EXIT** key and then the Message box will be displayed. Press **OK** to delete.

Check whether the channel name is deleted on program list .

Warning : The deleted channel can not be recovered unless you search again. Please be careful when you decide to delete channels.

Sort Channel

- In TV program manager Page, press MENU key on the RCU, and select **Sort** on the command menu.

- This **Sort** menu has a sub command that allows you to sort the channels.

- You can sort the channels by **Favourite**, **Lock**, **Scramble**, **Channel** name. Place the cursor on your desired line, and then press **OK**.

- Check whether the channels are sorted properly on the program list.

Note : Radio Program Manager has the same operation as TV program Manager.

EPG (Electronic Program Guide)

The receiver provides EPG function for you to access the TV Guide(or Radio Guide if you are listening to radio programs) which will show the titles and other information of the current and next programs on different channels. The information is only available from the network to which the program you are watching belongs.

Display the EPG.

You can see the program in the PIG screen, program list on the left side and Program schedule for selected program will be displayed on the right side. The time will be displayed relating to the program schedule.

Select one channel and placing the ⌖ mark on the time of Program name which detail information you want to know. Then you can see blue button, if there is details information of the program. And press Detail(Blue colour key) key on the RCU, then detail information box will be displayed.

If you want to check the former or later information of the channel, please press +6:00 key (Yellow colour key) or 6:00 key (Green colour key) on the RCU.

Note : A No Information Yet message will be shown if the selected program does not provide EPG data.

TIMER

The TIMER function allows you to program the timer in various ways. To activate the Turn On Time and/or Turn Off Time , select YES and enter your time.

Time Adjust

TSummer Time: If you are in summer time, select ON.

Note : Time Adjust is default for the first time.

Time Reservation

Time Reservation allows you to program the various timer function.

1) **Timer Number**: Select your desired timer number.

2) **Turn On Channel:** If there are searched programs, press OK key to pop up the searched program list. Select desired channel and press OK key to confirm. If there is no searched program, this item turns grey and can not be set.

3) **Time Type**: Through this item, you can set the timer one time, daily, weekly and monthly.

4) **Event Type**: Select between Turn ON and Tune OFF. If select "Turn ON", the receiver will turn on the just set Turn ON channel at the defined time.

5) **Enable**: Select between ON and OFF. If select "ON", the event will take effect. The default value is "ON".

6) The following time setting items, such as Month, Date and Time, are determined by the selection in the above Time Type item.

FRONT PANEL DISPLAY

UP load procedure

VCR MODE

Download procedure

System waitng

Error in data transmitting

Flash rom error

TV Modo

System Booting

Time (Stand by indicator)

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TROUBLE SHOOTING

Problem	Possible causes	What to do
The display on the front panel does not light up	Main cable is not connected.	Check that the main cable is plugged into the power socket
No sound or picture, but the front panel shows red light	The receiver is in standby mode.	Press the standby button
No sound or picture.	No signal or weak signal.	Check the cable connections, antenna and other equipment connected between the antenna and the receiver
Bad picture / blocking error	Signal is too strong.	Connected a signal attenuated to the antenna input
	Antenna noise factor too high.	Change to an antenna with lower noise factor
	The antenna is faulty.	Change the antenna.
The picture is not displayed on the screen, when switching on	The system is connected by RF leads	Check the UHF channel fixed in your system and tune the UHF channel properly.
There is interference on your terrestrial program or video signal	The system is connected by RF leads and the output program of the receiver interference with an existing terrestrial programs or video signal.	Change the receiver output program to a more suitable program, or connect the system by scart leads.
The RCU is not working.	Battery exhausted.	Change the batteries.
	RCU is incorrectly aimed.	

Note : If you have tried all of the actions suggested above, without solving the problem, please contact your dealer or a customer service adviser.

Warranty

If you have any doubt regarding the usage of your product, we suggest visiting the Frequency Asked Questions section located in the product record.

Warranty duration.
Energy Sistem warranties that your product doesn't have any material, design or manpower defect in the moment of purchase.

- The warranty is 60 month from purchase date for Memory Pocket, Bluetooth and Memory Cards.

- 36 month for MP3 Players, Digital Camera, Digital Video Camera, DVD-DivX Player, Mouse, Battery Charger, DVD Recorder, 5.1 Speaker and Portable Multimedia Players.

- For U.P.S. and LCD-TV the warranty is 36 month to domicile from purchase date (except U.P.S battery, which have 24 month warranty).

Warranty usage

- Refer to your product dealer, presenting purchase invoice or ticket.

    If you like, you can contact irectly to the Energy Sistem

    customer support department by electronic mail

    soporte@energysistem.com

    <mailto:soporte@energysistem.com> and you will receive a

    reply with indications for solving the problem.